Figure 1

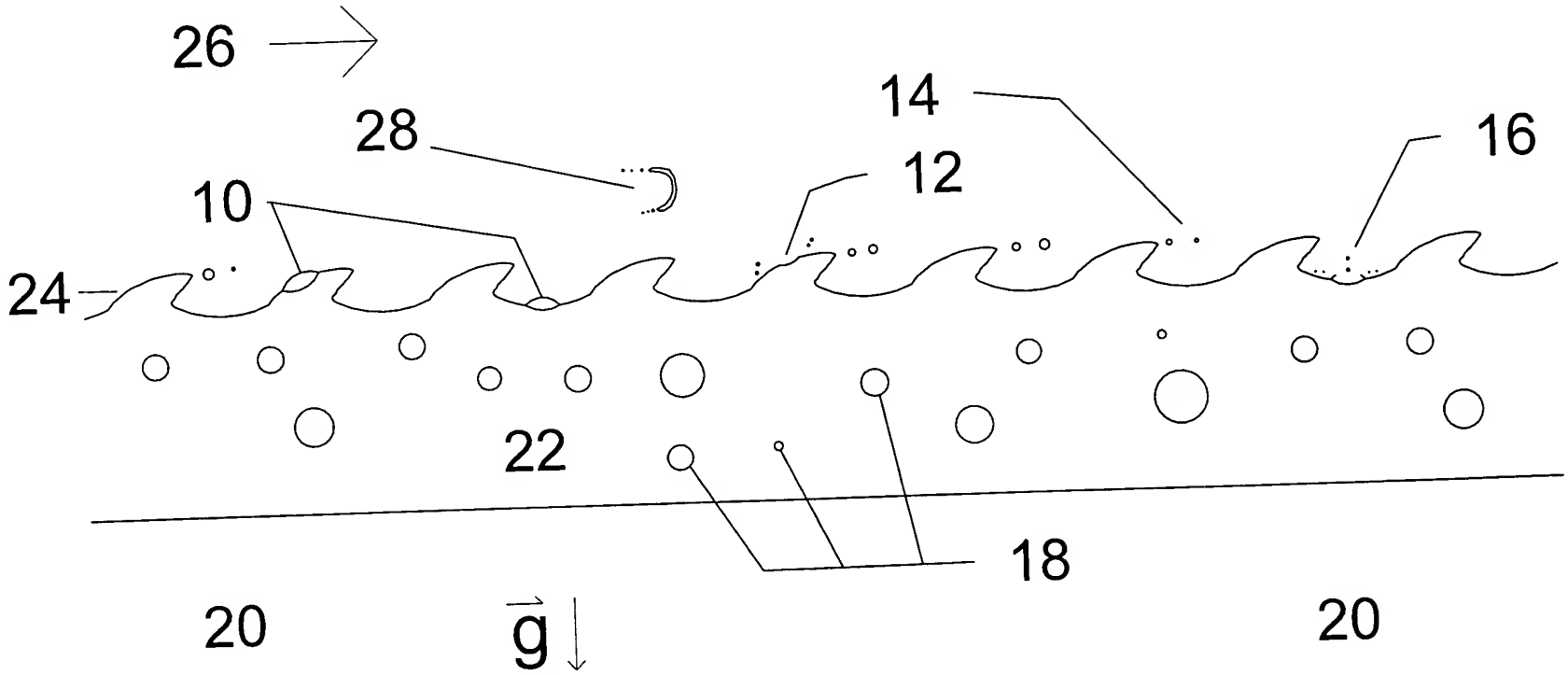


Figure 2

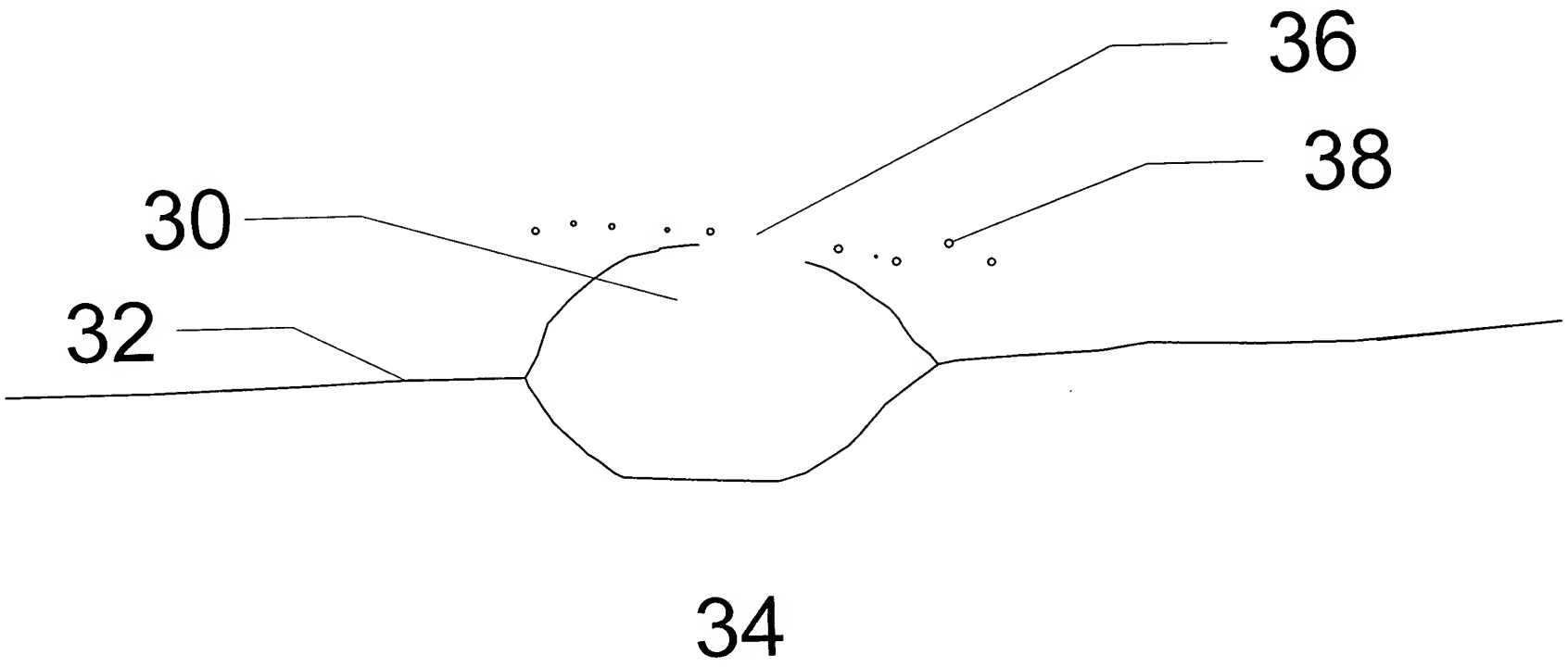


Figure 3

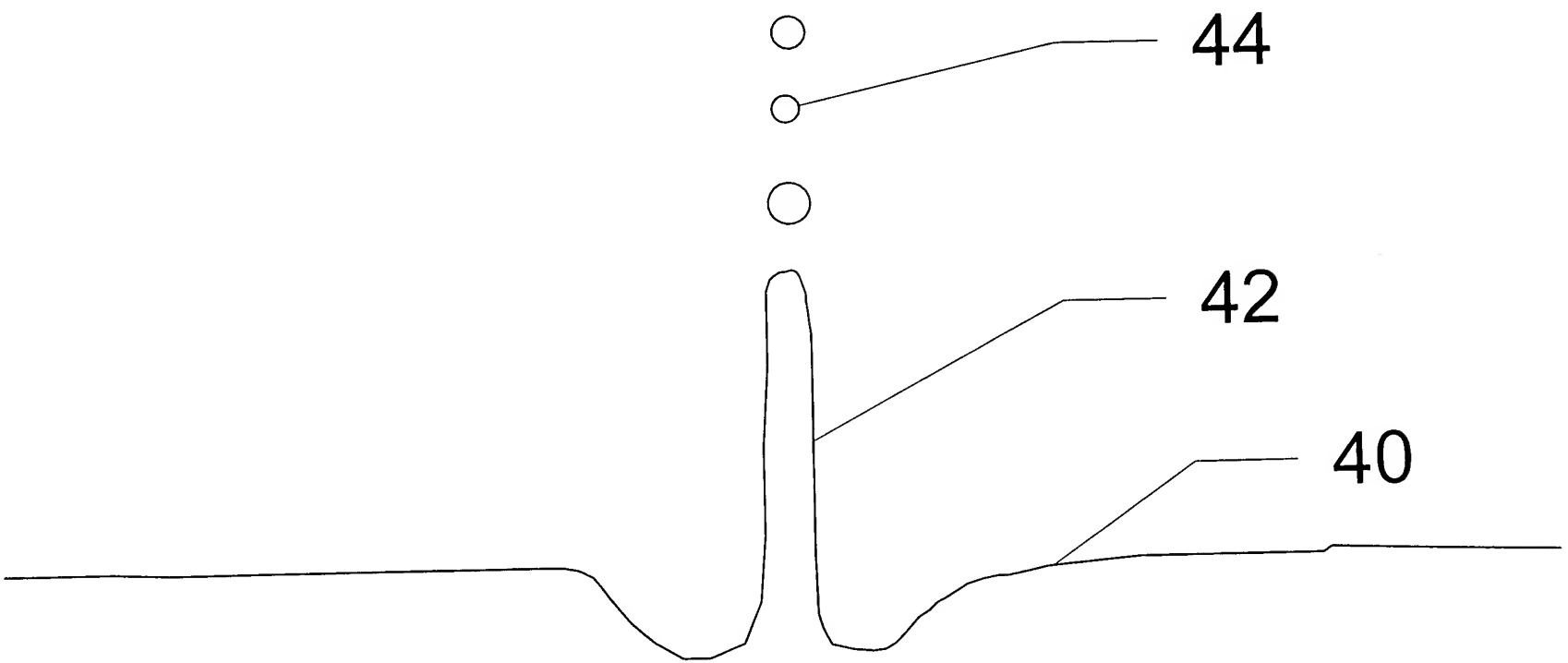


Figure 4

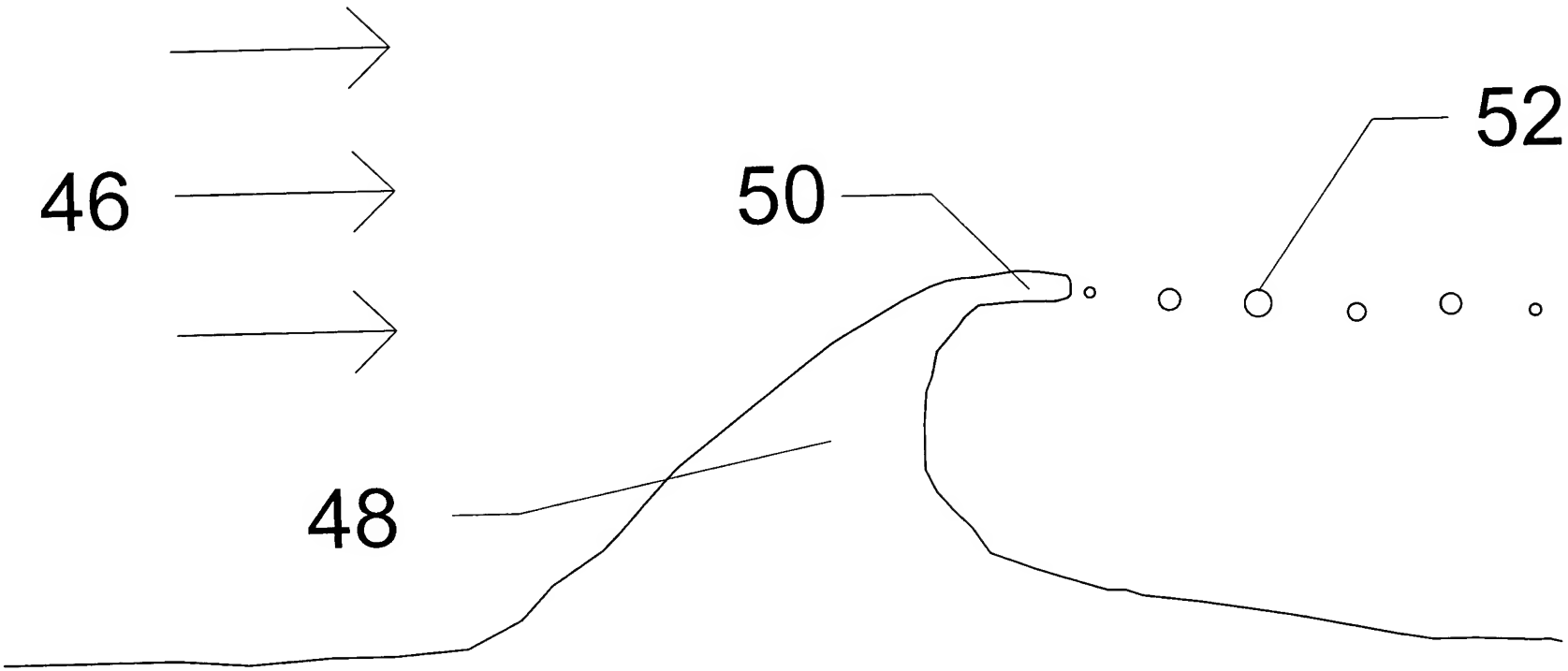


Figure 5

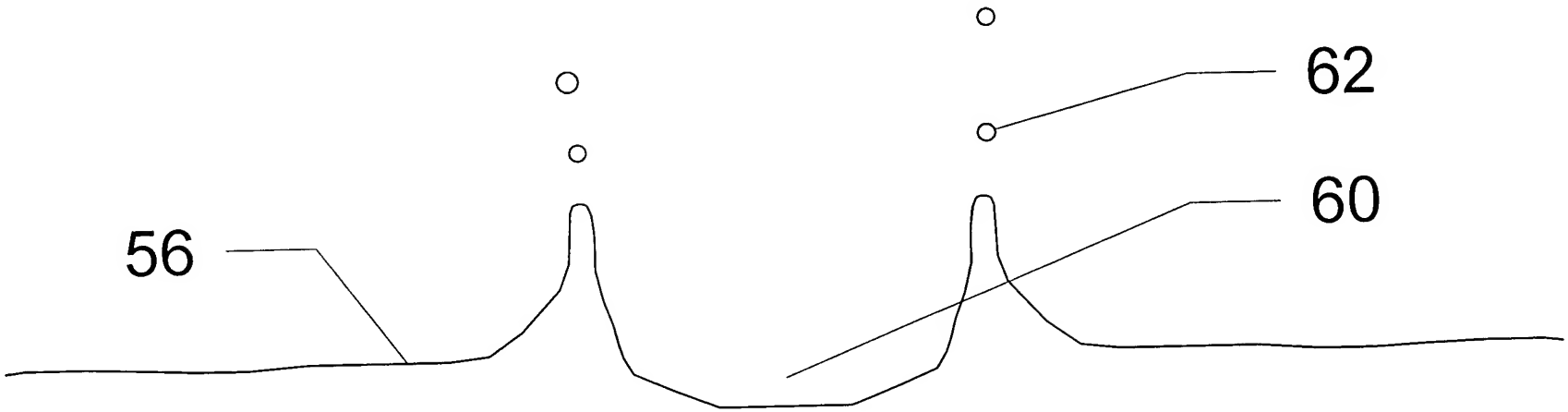


Figure 6

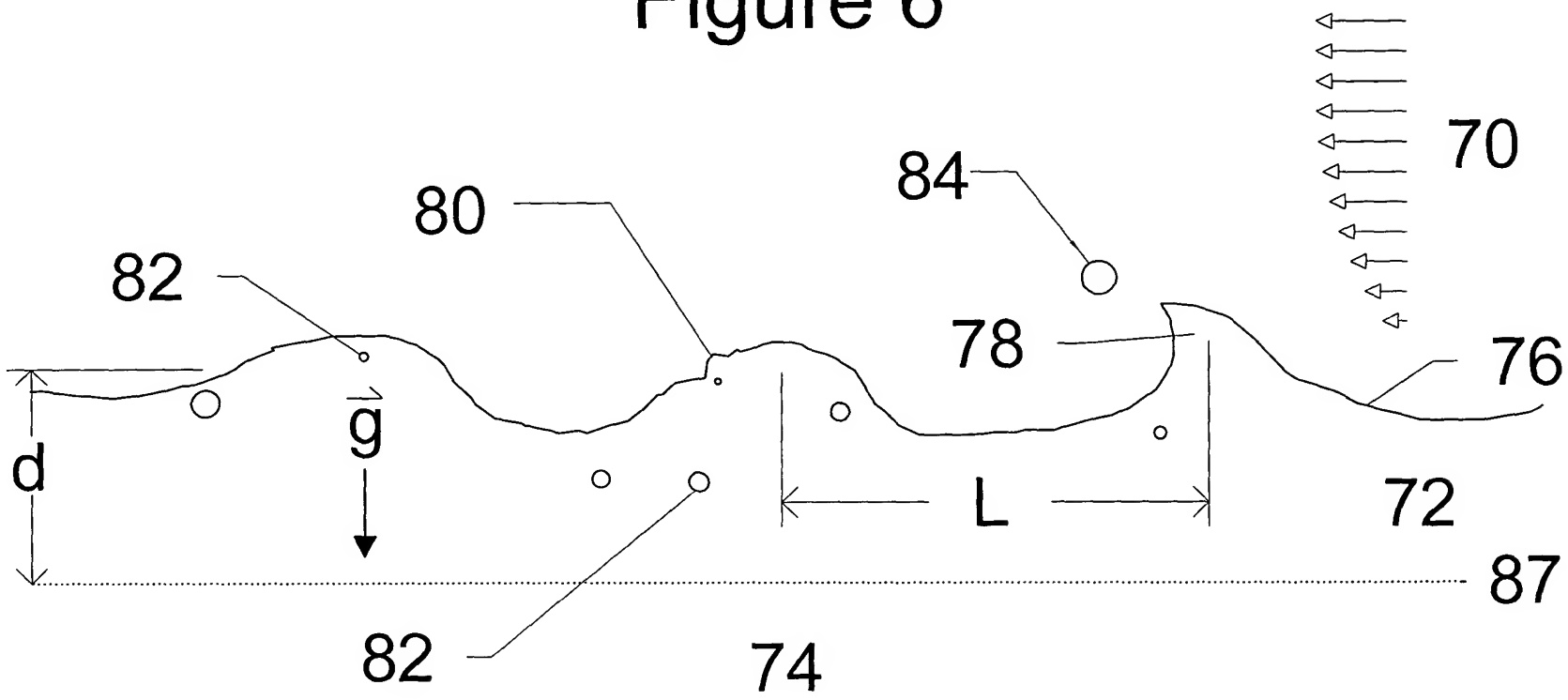


Figure 7, Sheet 1/2

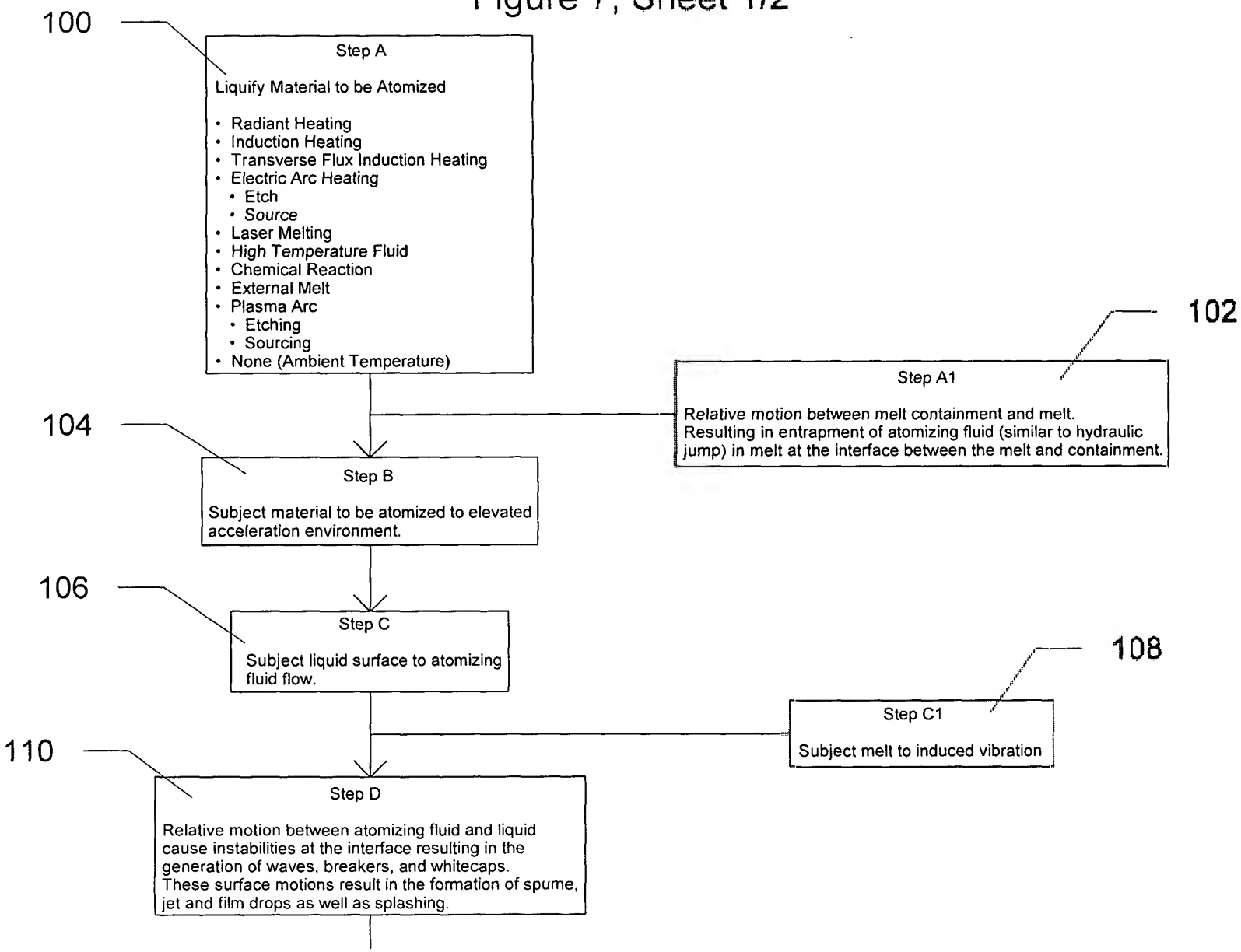


FIgure 7, Sheet 2/2

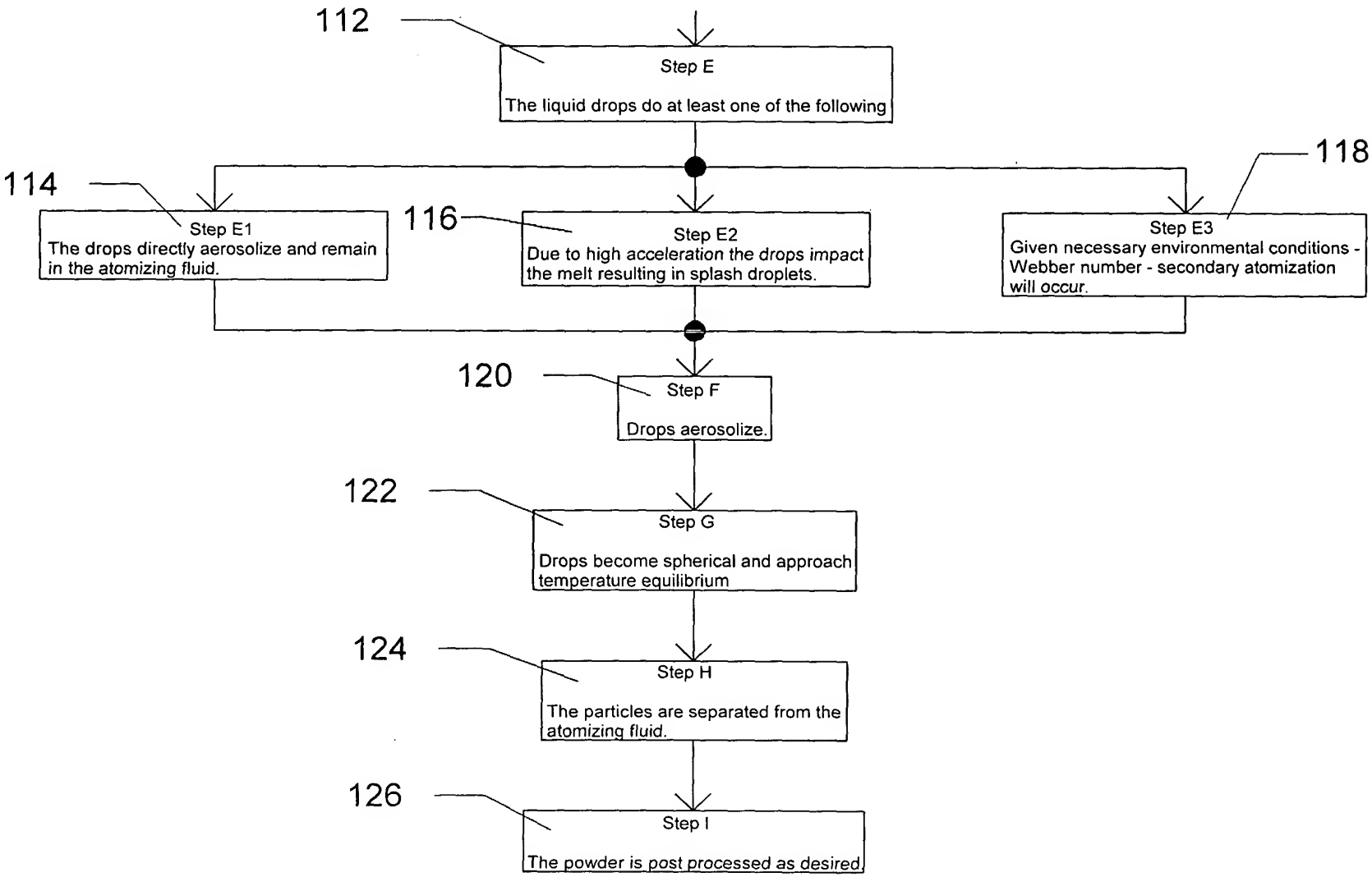


Figure 8

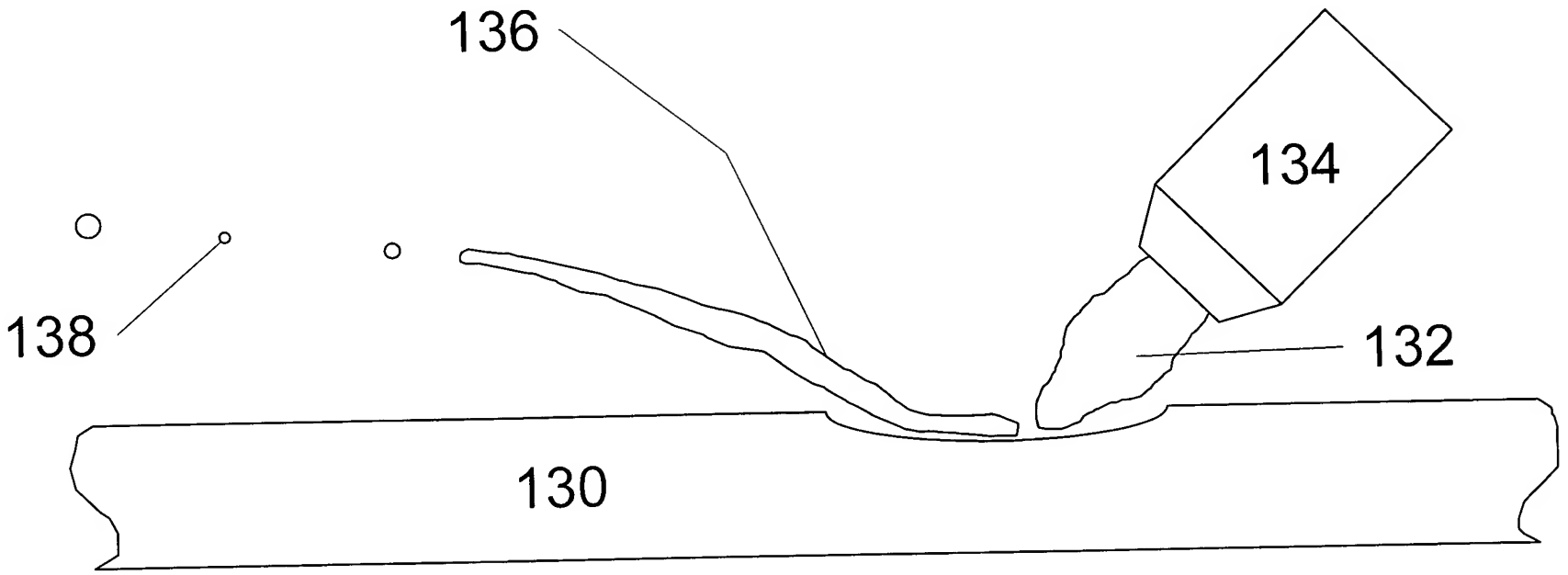


Figure 9

1018 Steel Atomization

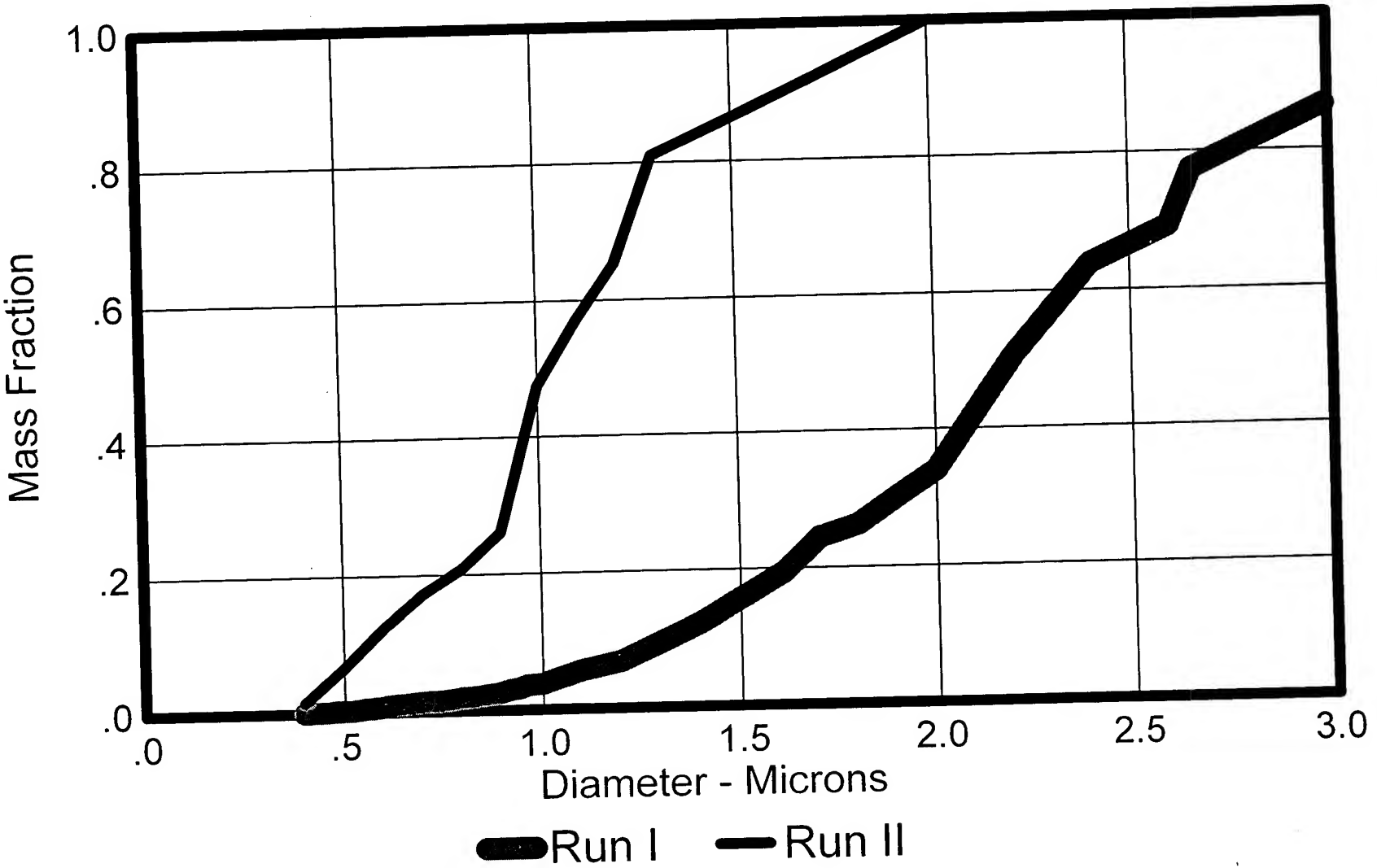


Figure 10
Section View

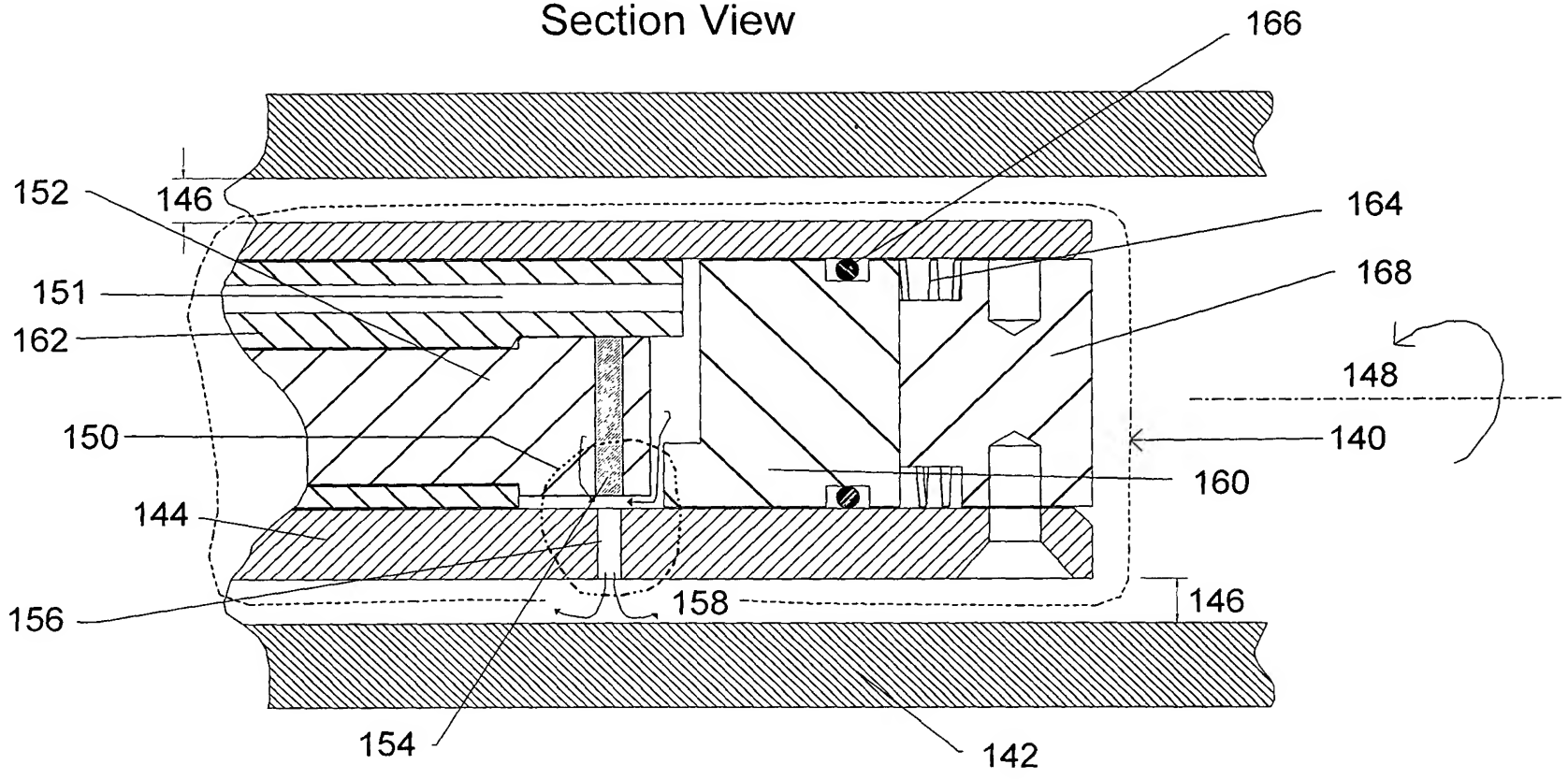


Figure 11

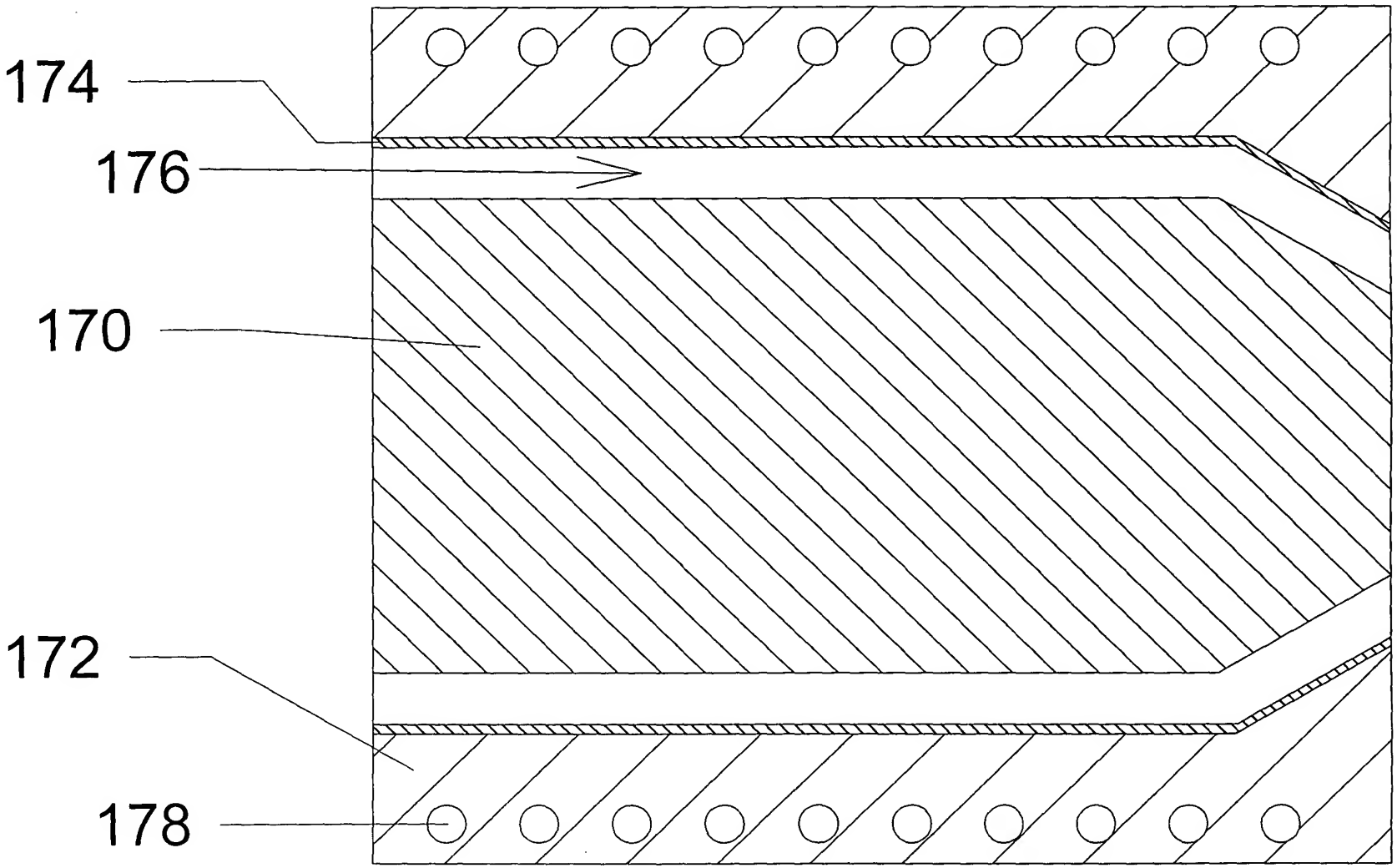


Figure 12

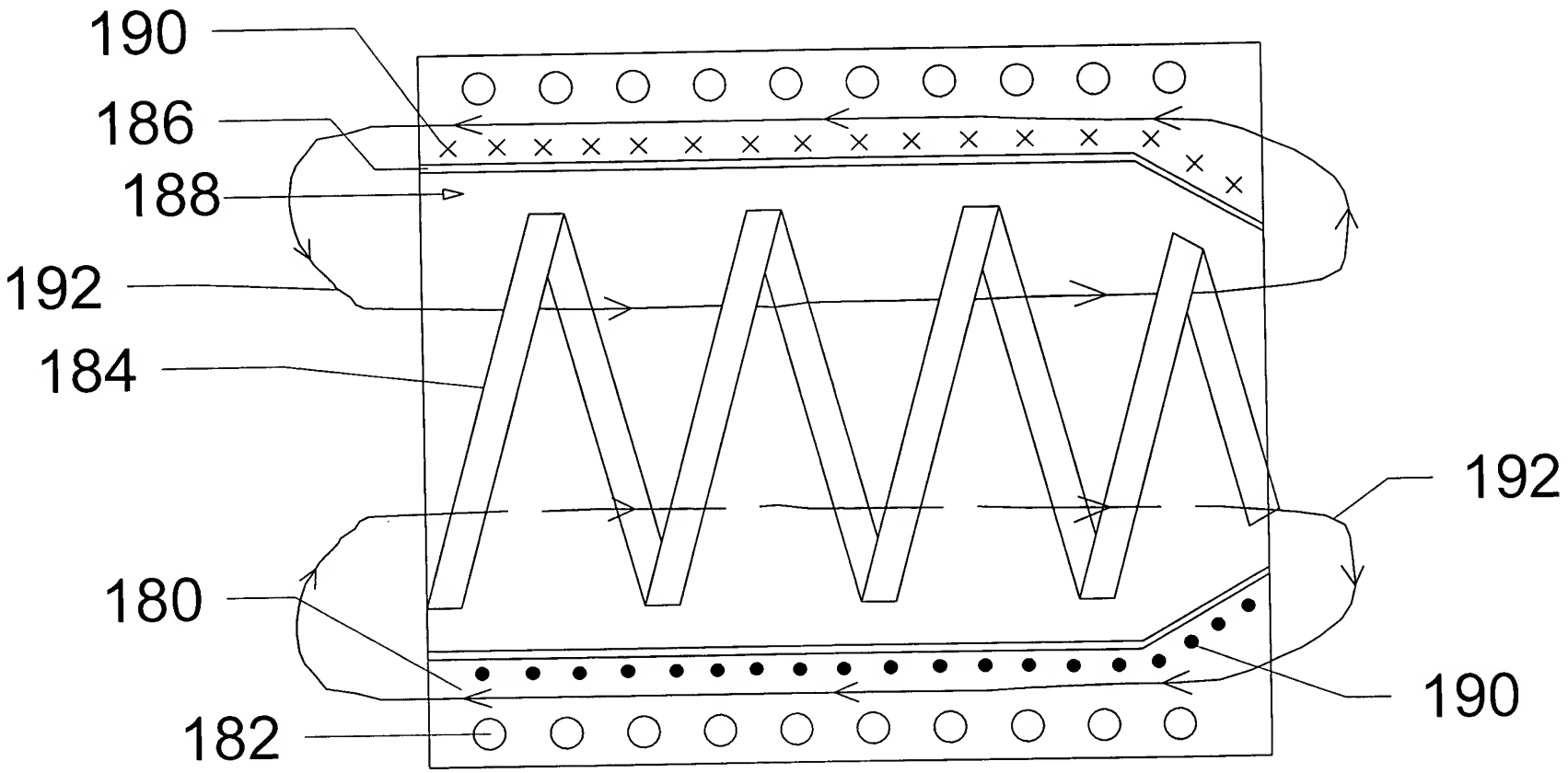


Figure 13

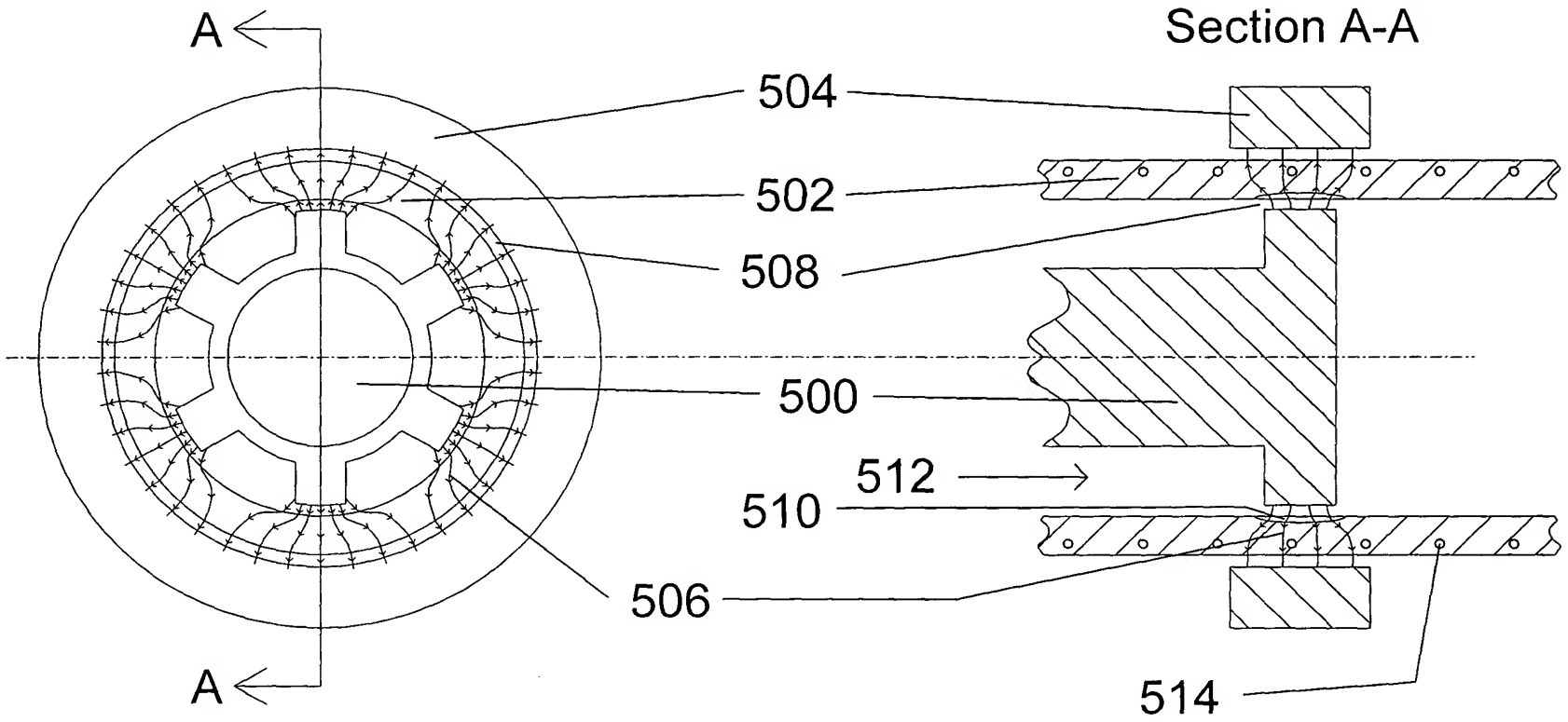


Figure 14

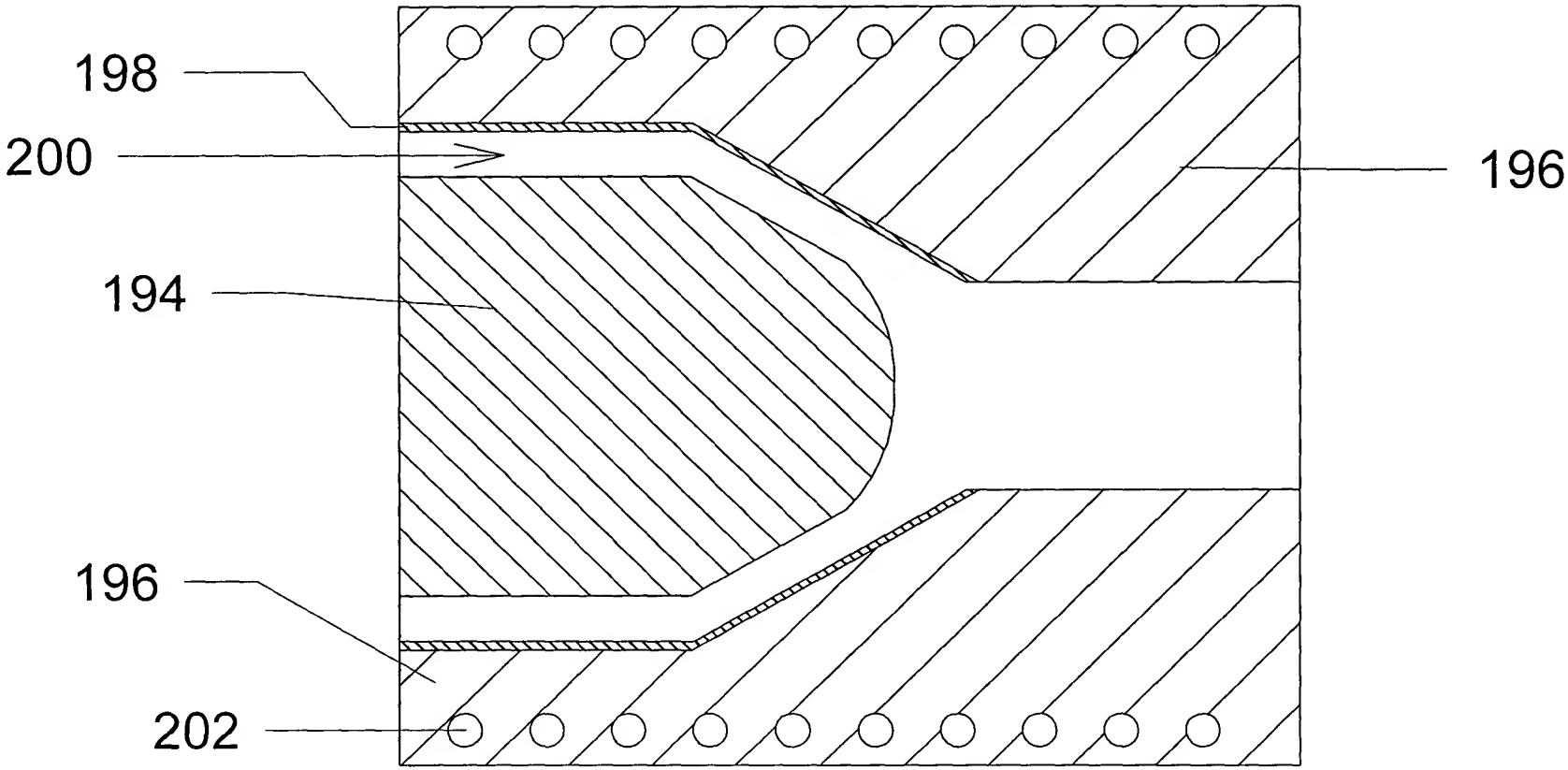


Figure 15

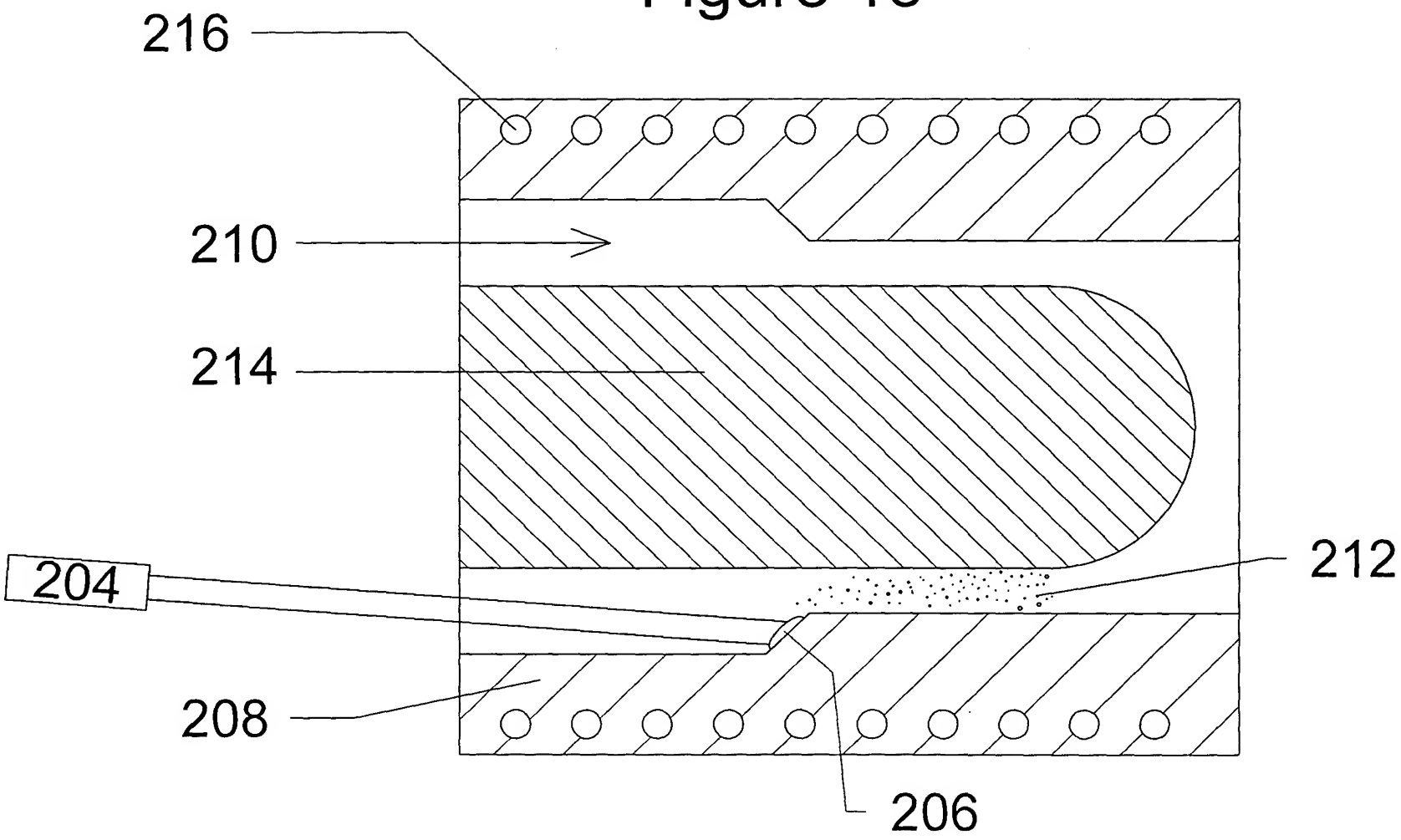


Figure 16

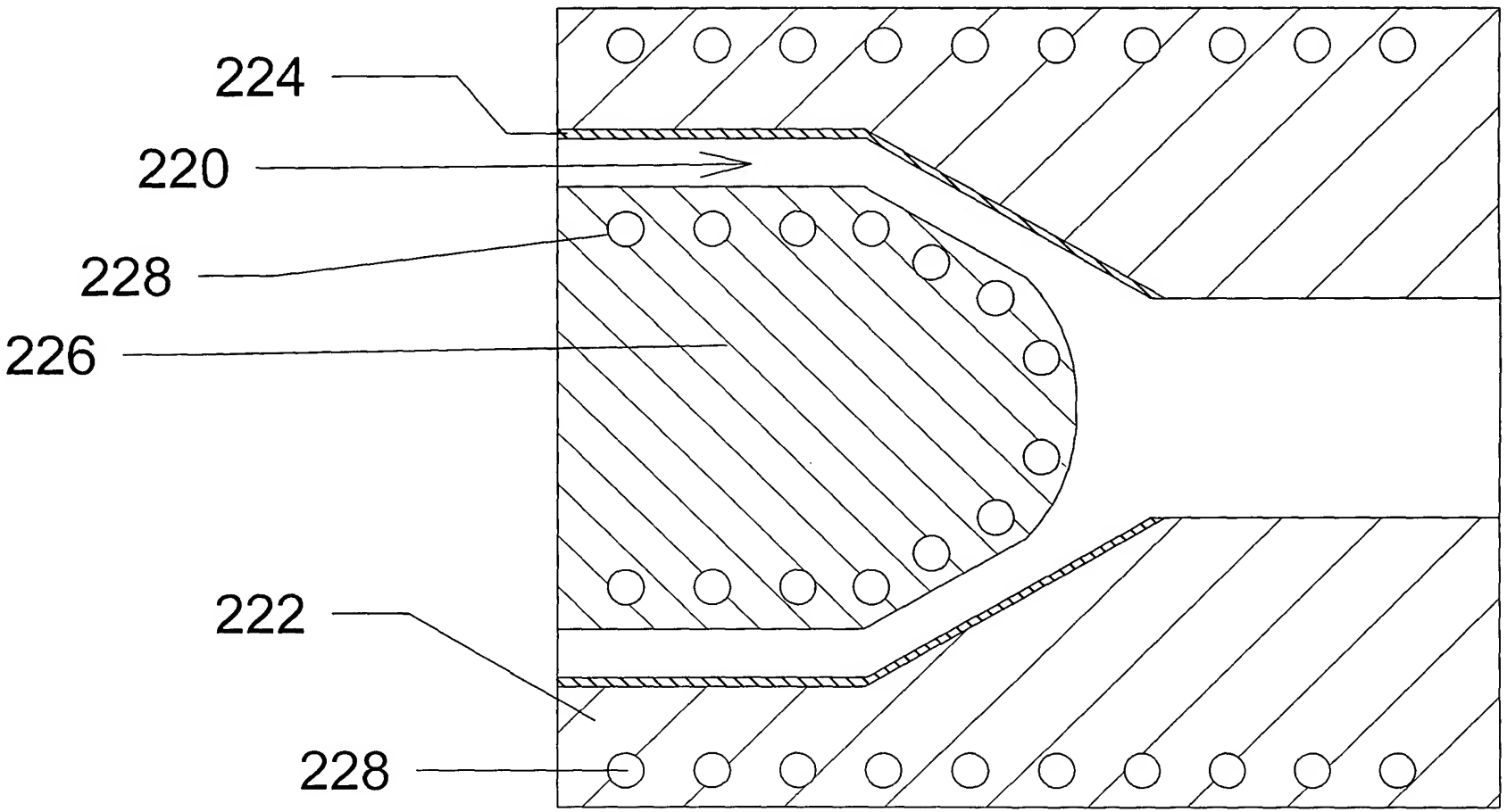


Figure 17

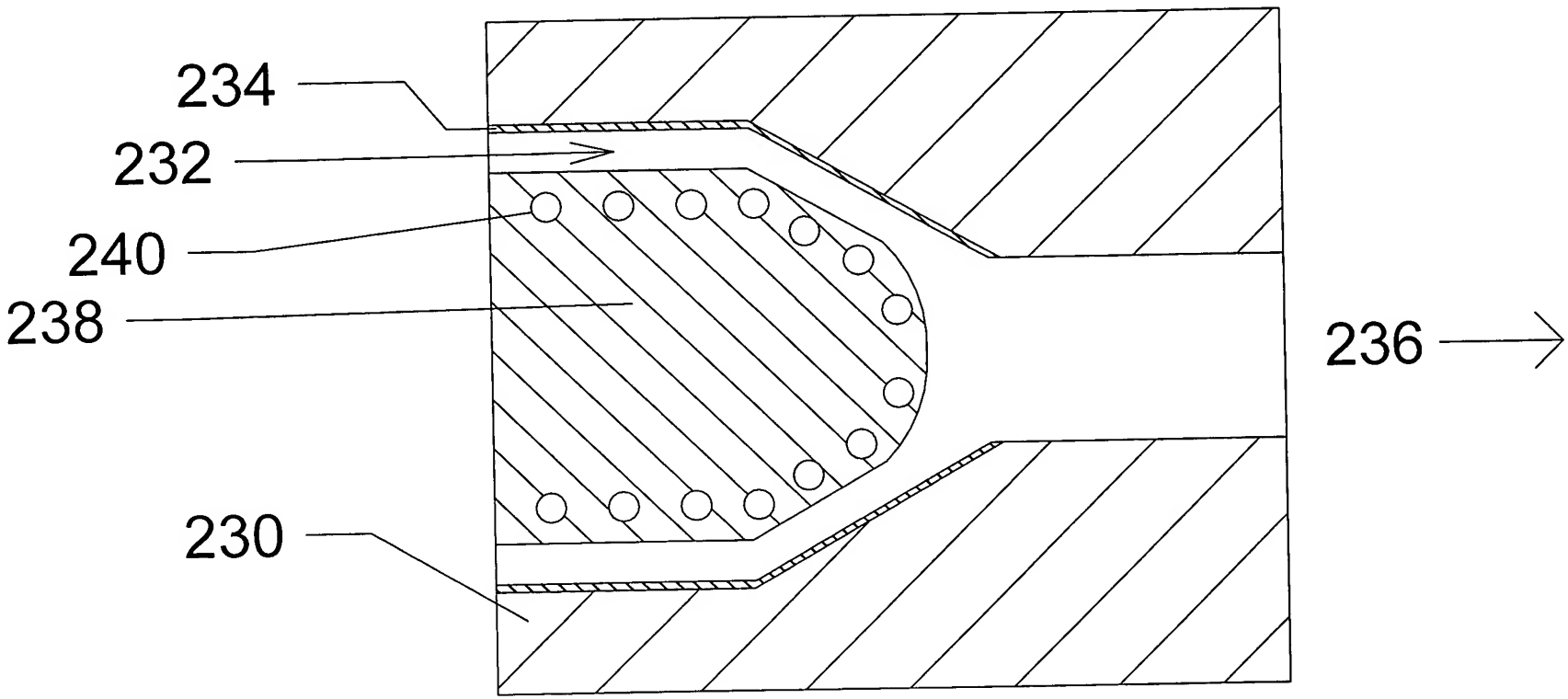
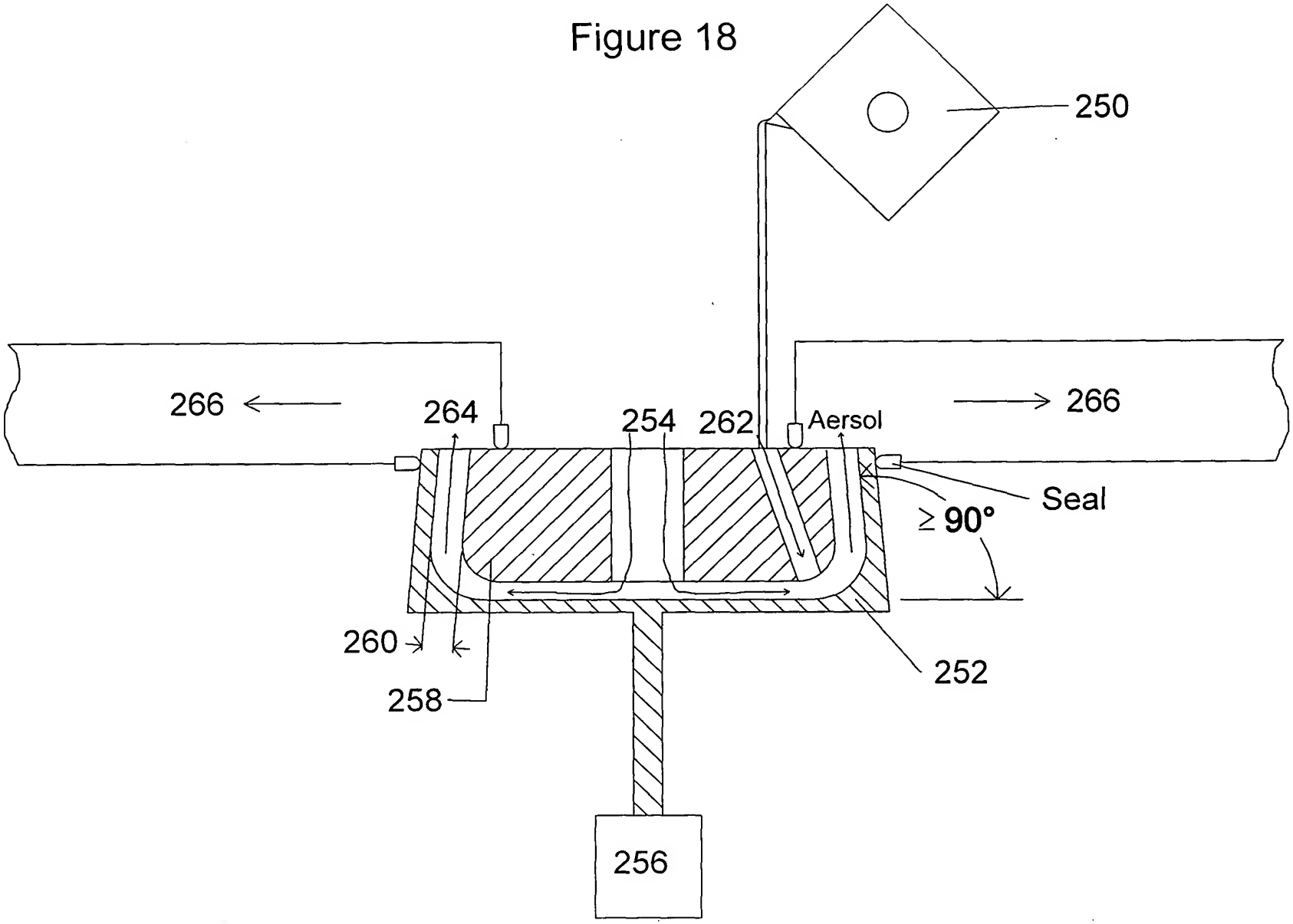


Figure 18



Scattergood
20 of 25

Figure 19

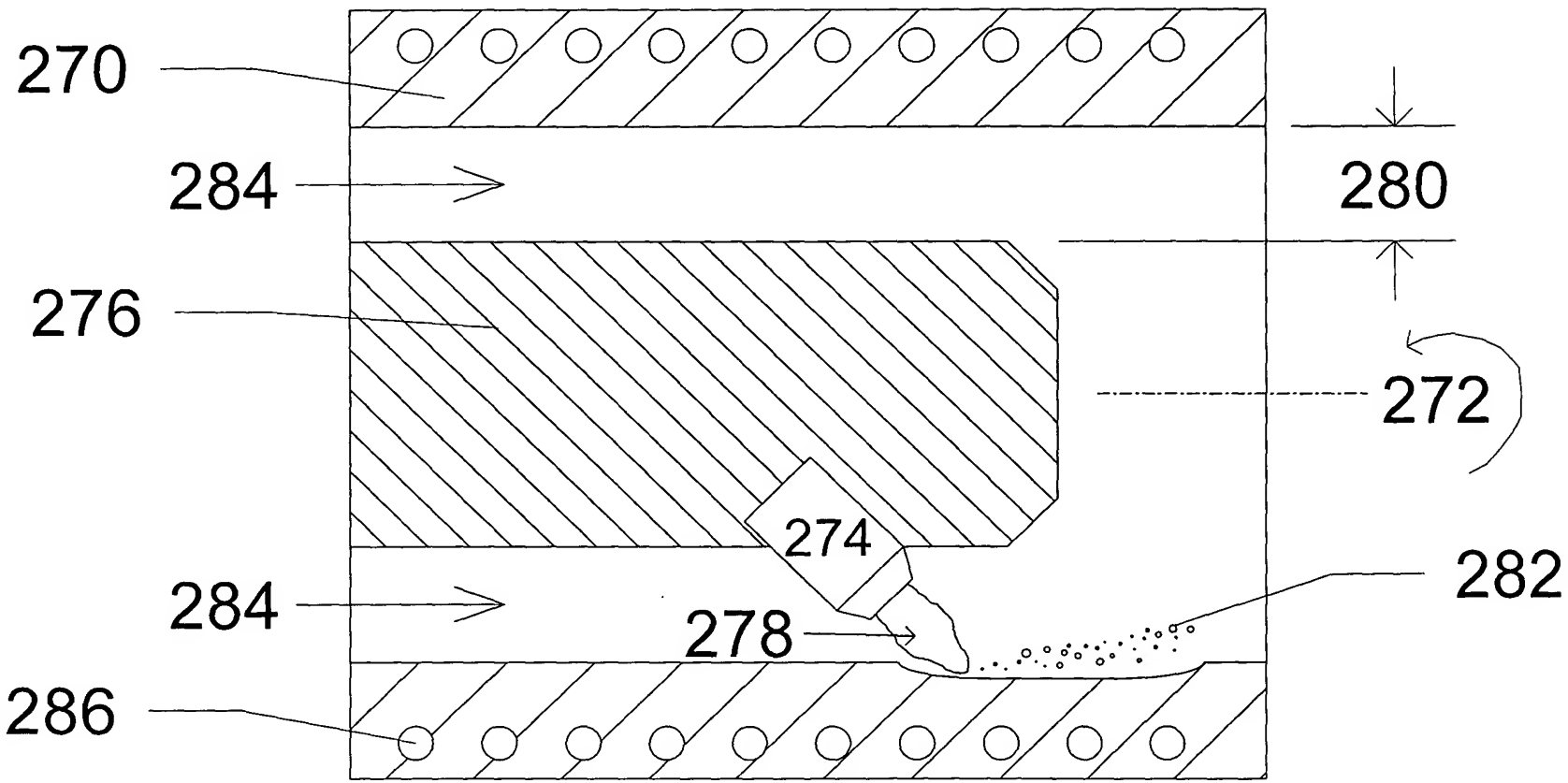


Figure 20

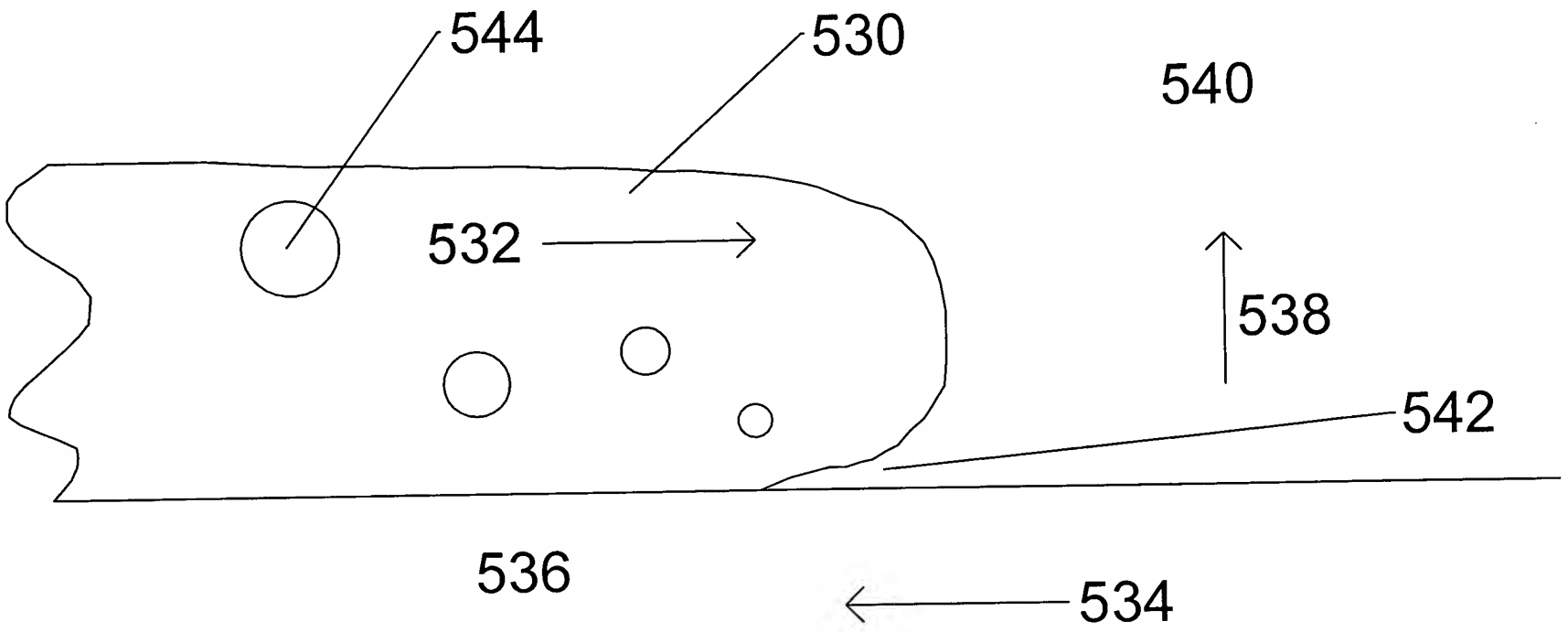


Figure 21

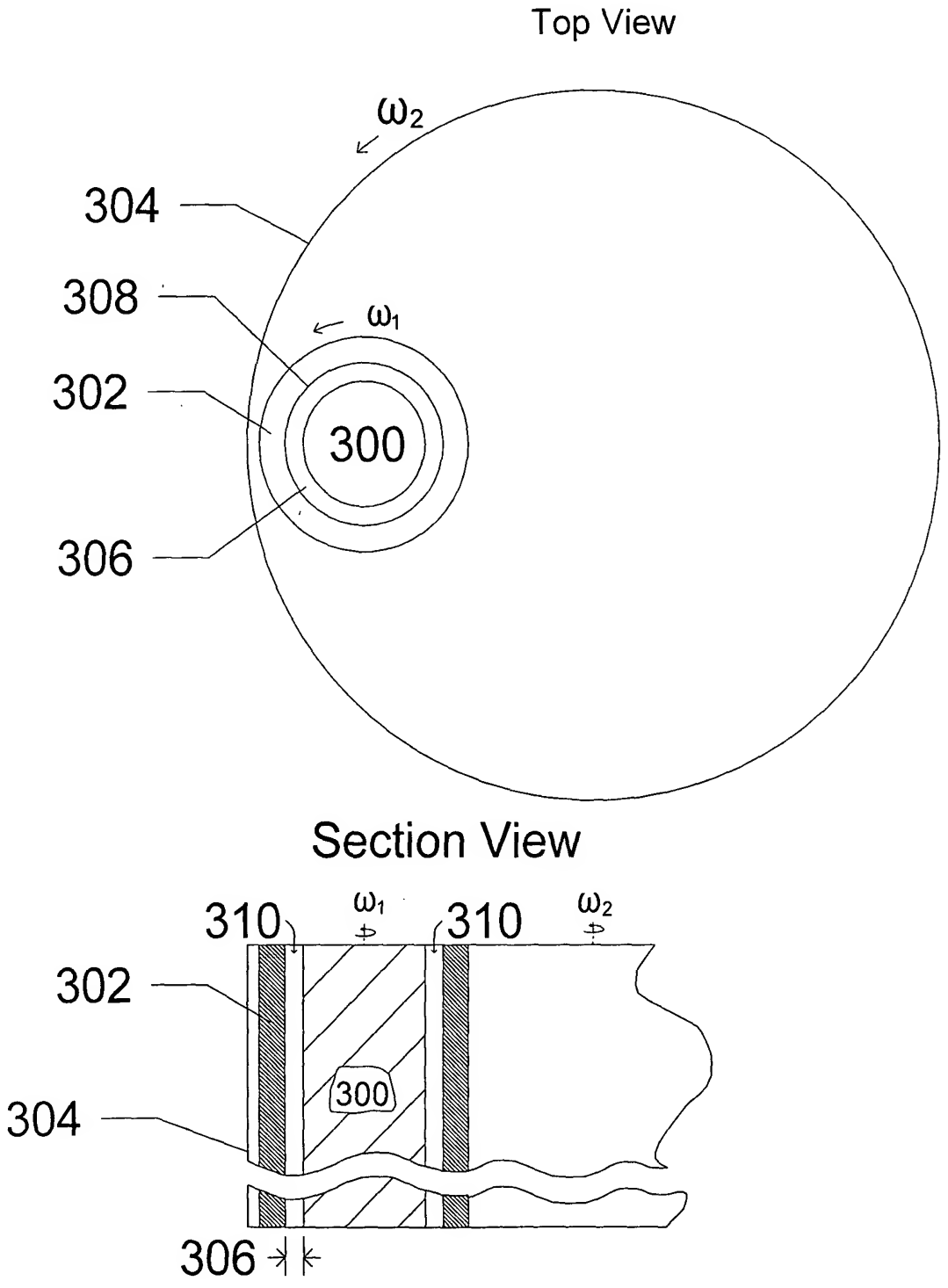
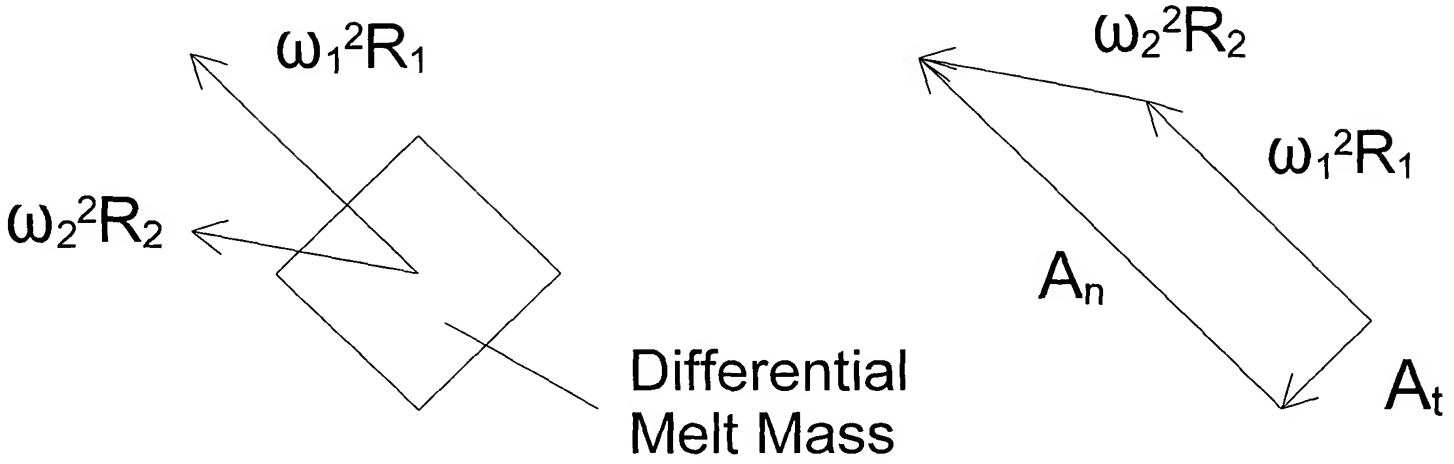

Top View
ω_2
304
308
ω_1
302
300
306
Section View
310
ω_1
310
ω_2
302
300
304
306

Figure 22



Where:

$\omega_1^2R_1$ - Containment Centripetal Acceleration
$\omega_2^2R_2$ - Secondary Centrifuge Centripetal Acceleration
A_n - Normal Acceleration
A_t - Tangential Acceleration

Figure 23

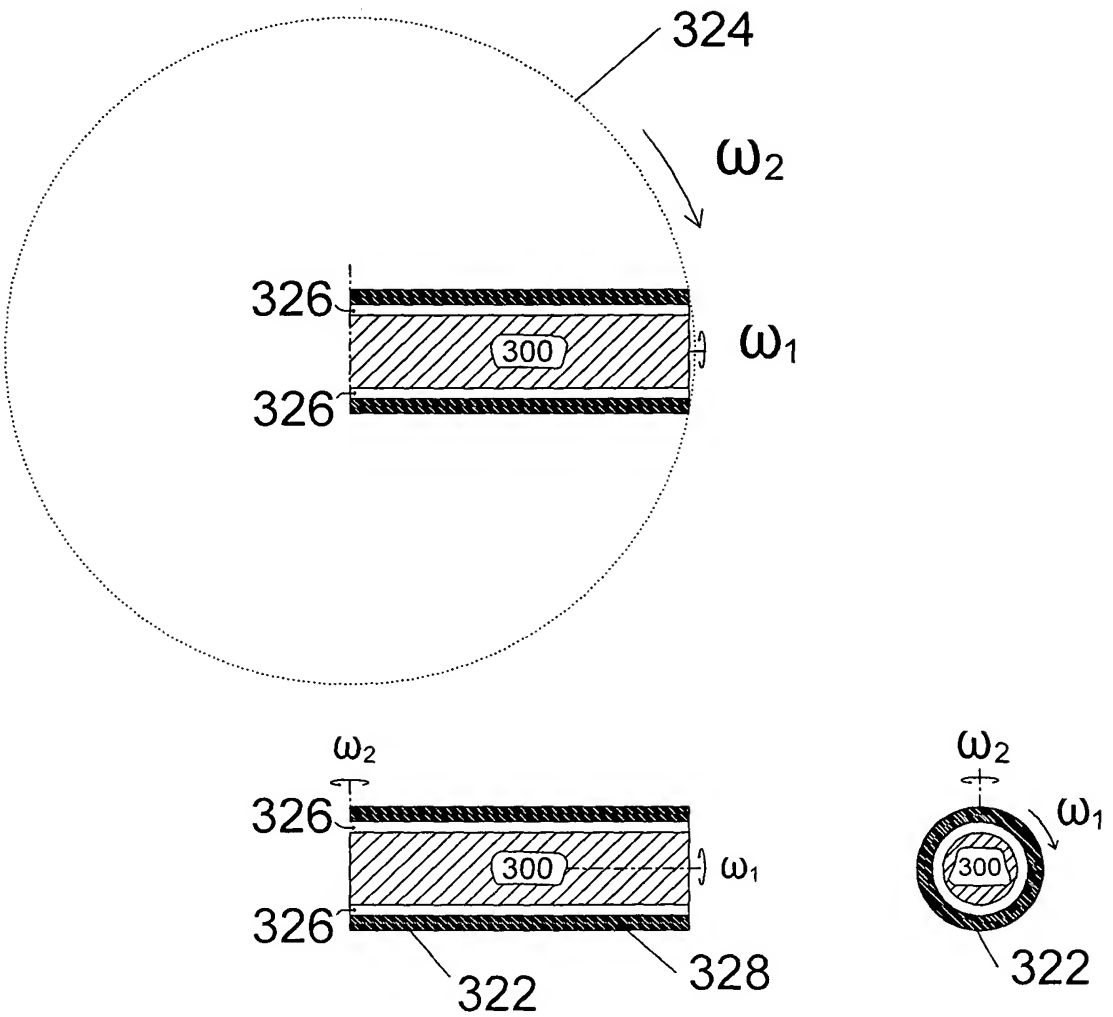
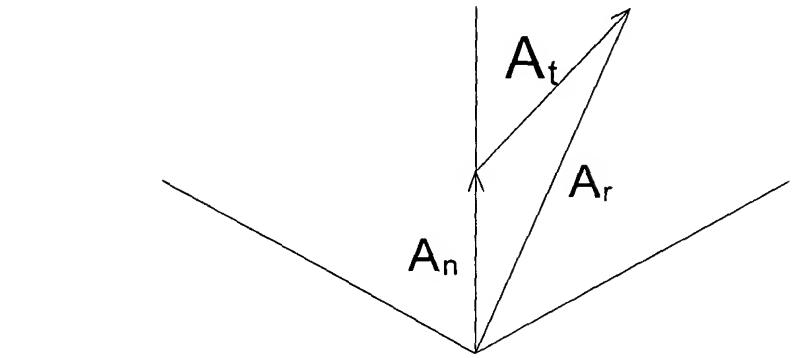
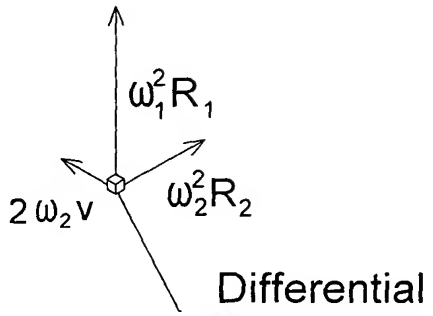

324
ω_2
326
300
ω_1
326
ω_2
326
300
ω_1
326
322
328
ω_2
ω_1
300
322

Figure 24





Where:

$\omega_1^2 R_1$ - Containment Centripetal Acceleration (A_n)
$\omega_2^2 R_2$ - Secondary Centrifuge Centripetal Acceleration
$2\omega_2 v$ - Coriolis Acceleration
A_n - Normal Acceleration
A_t - Tangential Acceleration
A_r - Resultant Acceleration i.e. $\omega_1^2 R_1 + \omega_2^2 R_2 + 2\omega_2 v$
v - Melt Radial Velocity